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## LISTING OF CLAIMS:

1-6. (Cancelled)

7. (Currently Amended) A device for controlling a physiological state-according to claim 6, comprising:

a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient;

an administering means for administering a drug to the patient:

a drug administration control means for issuing a command to the administering means for drug administration when the indicator of the physiological state satisfies specific conditions:

a recording means for storing information concerning the record of drug administration, including at least one of a drug dose, a type of drug, and a time of administration; and

a communicating means for communicating with external equipment, the communicating means sending and receiving the information concerning the record of drug administration that is stored in the second recording means to and from the external equipment.

8. (Currently Amended) A device for controlling a physiological state according to claim 6, comprising.

a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient and a blood pulse waveform in the patient;

an administering means for administering a drug to the patient:

a recording means for recording blood pulse waveforms corresponding to a physiological state in which drug administration is necessary; and

a drug administration control means for comparing the blood pulse waveform measured by the measuring means and the blood pulse waveforms stored in the recording means, and for issuing a command to carry out administration of a drug based on the result of the comparison.

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- a third recording means for recording blood pulse waveforms corresponding to a physiological state in which drug administration is necessary, wherein the measuring means measures the blood pulse wave in the body, and the drug administration control means compares the blood pulse waveform measured by the measuring means and the blood pulse waveforms stored in the third recording means, and issues a command to earry out administration of a drug based on the result of the comparison.
- 9. (Previously Amended) A device for controlling a physiological state, comprising:
- a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient;

an administering means for administering a drug to the patient;

- a drug administration control means for issuing a command to the administering means for drug administration when the indicator of the physiological state satisfies specific conditions; and
- a means for detecting the output of a drug administration command, for determining from the point of this detection whether or not the indicator of physiological state has reached a state which does not satisfy the specified conditions, and for providing notification when the indicator of the physiological state has reached a state which does not satisfy the specified conditions.
- 10. (Previously Amended) A device for controlling a physiological state according to claim 9, wherein the administering means comprises an infuser of the drug.
- 11. (Previously Amended) A device for controlling a physiological state, comprising:
- a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient;

an administering means for administering a drug to the patient;

a blood pulse detector for detecting a blood pulse cycle of blood sent from the patient's heart; and

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a drug administration control means for issuing a command to the administering means for drug administration when the indicator of the physiological state satisfies specific conditions,

wherein the drug administration control means issues a command to administer a drug to the administering means during the time interval from one blood pulse beat to the next blood pulse beat in synchronization with the blood pulse cycle.

- 12. (Original) A device for controlling a physiological state according to claim
  11, wherein the administering means comprises an infuser of the drug.
- 13. (Original) A device for controlling a physiological state, comprising:

a measuring means for measuring an indicator of a physiological state;

a recording means for storing the indicator measured, up until a current point in time;

a control means for determining when a drug is to be administered based on a rhythm of variation displayed by the indicator over a specified period of time, and for outputting a drug emission command at a determined time; and

an administering means for administering the drug in accordance with the drug emission command.

- 14. (Original) A device for controlling a physiological state according to claim 13, wherein the administering means comprises an infuser of the drug.
- 15. (Currently Amended) A device for controlling a physiological state-according to claim 13, comprising:

a measuring means for measuring an indicator of a physiological state;
a recording means for storing the indicator measured, up until a current
point in time;

a control means for selecting a time period in which the indicator is changing according to a specified trend, and for outputting a command to administer a drug during the time period; and

an administering means for administering the drug in accordance with the command; and

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wherein the control means selects a time period in which the indicator is changing according to a specified trend, and outputs a command to administer a drug during the time period.

- 16. (Original) A device for controlling a physiological state, comprising:
  - a measufing means for measuring an indicator of a physiological state;
- a recording means for storing the indicator measured, up until a current point in time;
- a control means for outputting a drug emission command based on a current indicator of the physiological state and on a rhythm of variation in the indicator over a specified period of time; and

an administering means for administering a drug in accordance with the drug emission command.

- 17. (Original) A device for controlling a physiological state according to claim
  16, wherein the administering means comprises an infuser of the drug.
- 18. (Currently Amended) A device for controlling a physiological state-according to claim 16, comprising:
  - a measuring means for measuring an indicator of a physiological state;
- a recording means for storing the indicator measured, up until a current point in time;
- a control means for selecting a time period in which the indicator is changing according to a specified trend, and for outputting a command to administer a drug when the trend of the change differs from a trend demonstrated by the indicator during a past time period; and
- and administering means for administering a drug in accordance with the command; and
- wherein the control means selects a time period in which the indicator is changing according to a specified trend, and outputs a command to administer a drug when the trend of the change differs from a trend demonstrated by the indicator during a past time period.

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- 19. (Original) A device for controlling a physiological state according to claim 16, wherein the control means selects a specified time period, and outputs a command to administer a drug when the indicator during the specified time period deviates a fixed amount above a moving average obtained in the past for the indicator.
- 20. (Currently Amended) A device for controlling a physiological state-according to claims 13 or 16, comprising:

a measuring means for measuring an indicator of a physiological state;
a recording means for storing the indicator measured, up until a current
point in time;

a control means for determining when a drug is to be administered based on a rhythm of variation displayed by the indicator over a specified period of time, and for outputting a drug emission command at a determined time;

an administering means for administering the drug in accordance with the drug emission command; and

further comprising a means for detecting an output of the drug emission command, determining from the point of this detection whether or not the indicator of the physiological state indicates a first state which does not require emission of a drug, and providing notification when the indicator of the physiological state has reached the first state.

- 21. (Original) A device for controlling a physiological state according to claims 13 or 16, further comprising a first notification means for obtaining an amount of drug administered, and providing notification when the summed value of the administered amount reaches a specified amount.
- 22. (Original) A device for controlling a physiological state according to claim 21, comprising a second notification means for monitoring whether or not the emission of the drug is being carried out normally, and providing notification when an anomaly is present.
- 23. (Original) A device for controlling a physiological state according to claim 22, the device being portable, and comprising a battery and operating based on

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voltage supplied from the battery, and comprising an electricity supply control means intermittently supplying the voltage output from the battery to elements in the device.

- 24. (Original) A device for controlling a physiological state according to claim 23, further comprising a third notification means for providing notification when the voltage output from the battery falls below a specified voltage.
- 25. (Original) A device for controlling a physiological state according to claims 13 or 16, further comprising a blood pulse detection means for detecting in a body a blood pulse cycle blood output from a heart, wherein the control means issues a command to administer a drug during a time interval from one blood pulse beat to a next blood pulse beat in synchronization with the blood pulse cycle.
- 26-30. (Withdrawn)
- 31-32. (Cancelled)
- 33. (Currently Amended) A device for controlling a physiological state-according to claim 2, comprising:
- a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient;
  - a means for measuring a patient's blood pressure:
  - an administering means for emitting a drug to the patient: and
- a drug administration control means for issuing a command to the administering means for drug emission when the indicator of the physiological state satisfies specific conditions and the blood pressure is a specific value.

wherein the administering means comprises an emission of the drug.

- 34-35. (Cancelled)
- 36. (Currently Amended) A device for controlling a physiological state-according to claim 3, comprising;
- a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient; Customer No. 20178

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a recording means for storing an indicator of a desirable physiological state:

an administering means for emitting a drug to the patient which will elicit a state of arousal; and

a drug administration control means for comparing the indicator measured by the measuring means and the indicator stored in the recording means, and for issuing a command, after a decision has been reached that the patient is in a state of sedation, the command to emit a drug to the patient which will elicit a state of arousal by the administering means.

wherein the first and second administering means comprise an emission of the drug.

37. (Cancelled)

38. (Currently Amended) A device for controlling a physiological state-according to claim-4, comprising:

a measuring means for measuring an indicator of a physiological state related to arousal or sedation in a patient;

a recording means for storing an indicator of a desirable physiological state;

an administering means for emitting a drug to the patient which will elicit a state of sedation; and

a drug administration control means for comparing the indicator measured by the measuring means and the indicator stored in the recording means, and for issuing a command, after a decision has been reached that the patient is in a state of arousal, the command to emit a drug to the patient which will elicit a state of sedation by the administering means.

wherein the first and second-administering means comprise an emission of the drug.

39. (Original) A device for controlling a physiological state according to claim 9, wherein the administering means comprises an emission of the drug.

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- 40. (Original) A device for controlling a physiological state according to claim 11, wherein the administering means comprises an emission of the drug.
- 41. (Original) A device for controlling a physiological state according to claim 13, wherein the administering means comprises an emission of the drug.
- 42. (Original) A device for controlling a physiological state according to claim 16, wherein the administering means comprises an emission of the drug.
- 43. (New) A device for controlling a physiological state, comprising:

  a measuring means for measuring an indicator of a physiological state;

  a recording means for storing the indicator measured, up until a current point in time;
- a control means for outputting a drug emission command based on a current indicator of the physiological state and on a rhythm of variation in the indicator over a specified period of time;

an administering means for administering a drug in accordance with the drug emission command; and

a means for detecting an output of the drug emission command, determining from the point of this detection whether or not the indicator of the physiological state indicates a first state which does not require emission of a drug, and providing notification when the indicator of the physiological state has reached the first state.

